



REBLOC[®]
Concrete Barriers

TEMPORARY SYSTEMS



Reliability in every situation

Safe traffic management

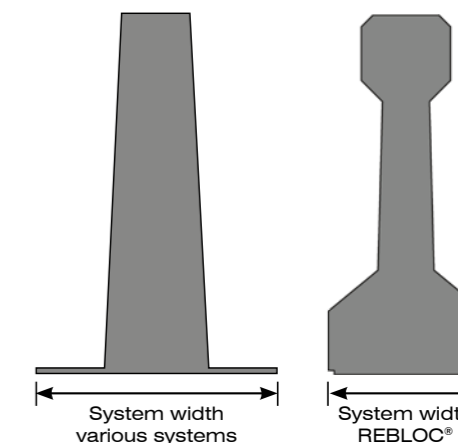


Very low working width

During the temporary division of carriageways it is not just the slim design of the system that plays a significant role, but also its range of working width. This ensures minimum movement of the system in the event of an accident.

Slim construction

In addition to their high containment level and low working width, the low space requirement and slim construction of the elements contributes greatly to increasing road safety.



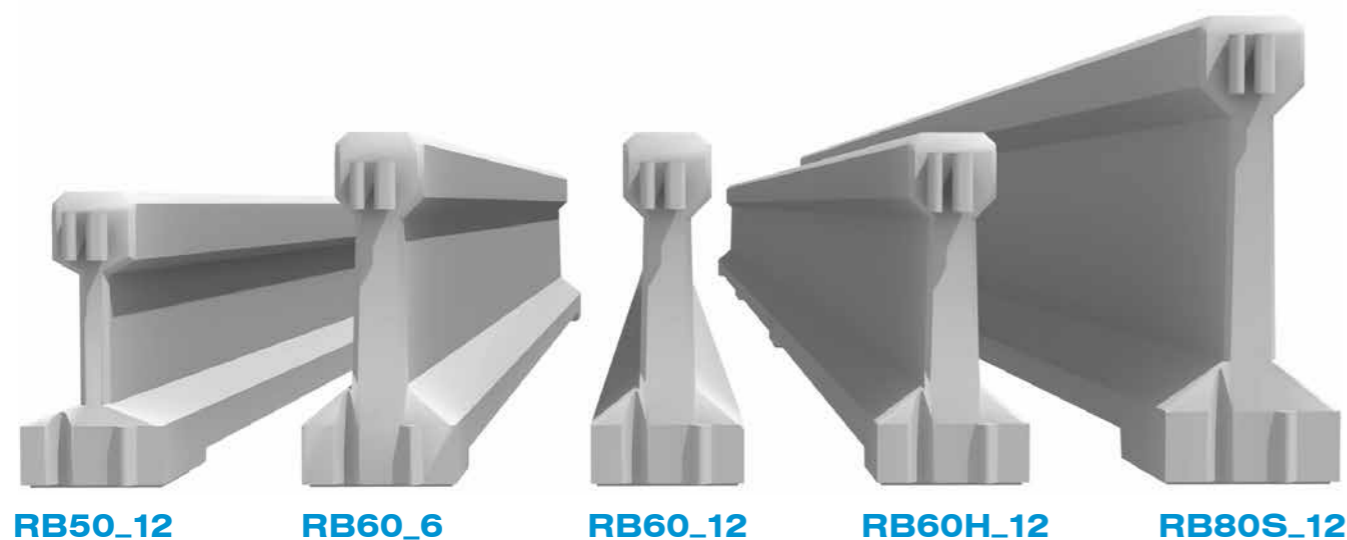
Especially on hazardous sections of roads, such as at roadworks, it is essential that reliable temporary vehicle restraint systems are deployed.

The risk of accidents occurring is greatly increased at points where traffic passes roadworks. In order to prevent the disastrous consequences of a vehicle breaking through into oncoming traffic or entering the roadworks construction site, safe and reliable vehicle restraint systems are essential to protect people working on the construction site and road users.

Past events have indicated that insufficient protective measures have often led to severe accidents as a

consequence. This demonstrates the importance of effective restraint systems because they can save lives. As the space available at roadworks is often limited, concrete barriers represent a perfect solution. They deliver high containment levels with the lowest dynamic deflection.

REBLOC® temporary systems provide best protection for roadworks. Our product range offers different containment levels, working widths and element heights – covering a wide spectrum of applications.



Effective safety protection

Saving lives

Very low surface pressure

The large base surface with integrated elastomer supports result in very low surface pressure.

Rental service saves costs

We offer you the opportunity to rent our temporary concrete barriers for the duration of construction. This means you avoid high invest costs and complicated storage logistics. Our experts would be pleased to help you plan and implement your project.

Short installation time: up to 400 m per hour

REBLOC® temporary systems enable very quick installation regardless of the weather or season. The implementation of traffic restriction measures is rapid and straightforward and is reduced to a minimum.

Efficient logistics

At the same time we take efficient transport utilisation into account. The high loading volume saves time and money thanks to the reduced number of loads while minimising installation time and protecting the environment simultaneously.

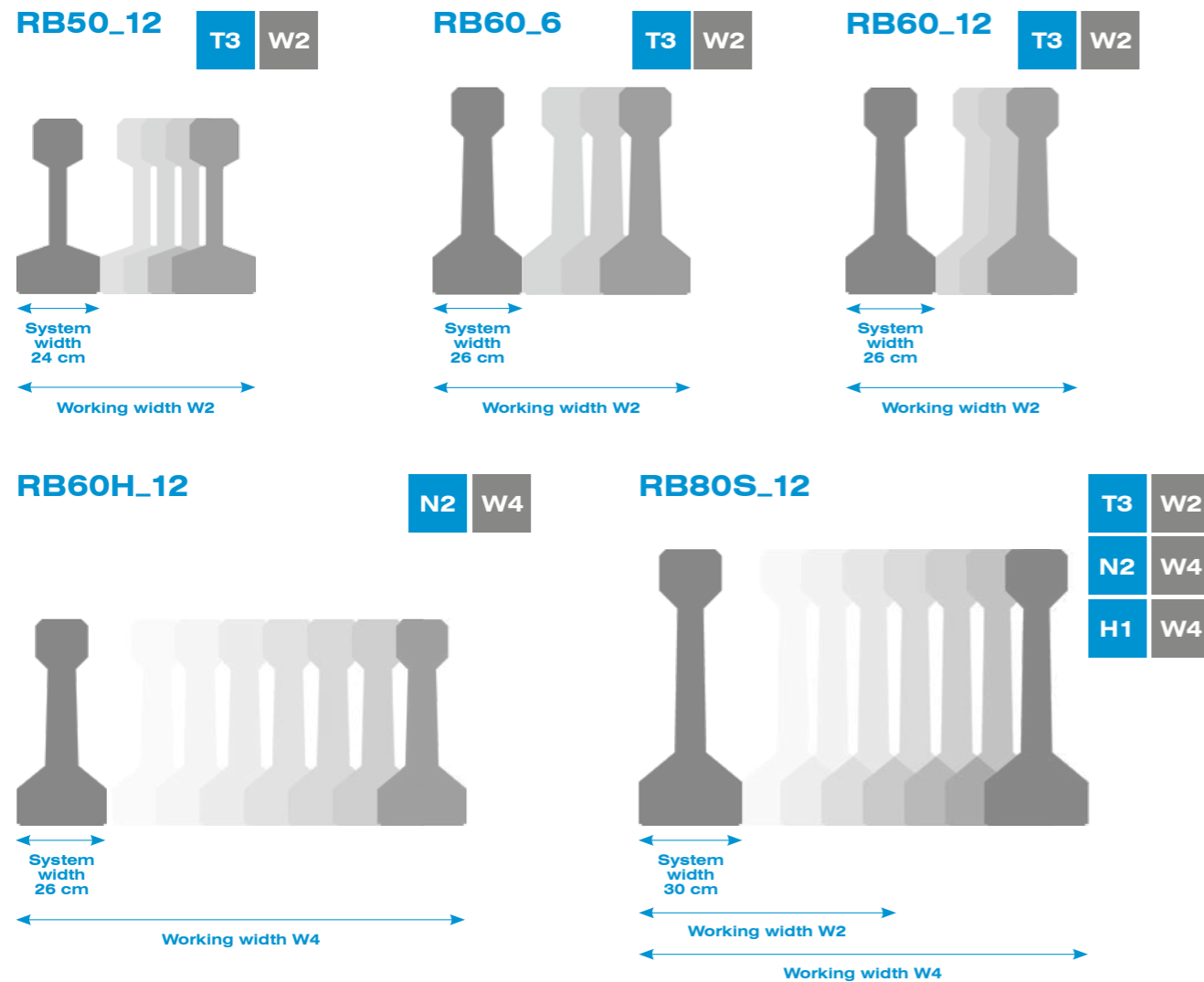


Slim width - the decisive factor

Working width & containment level

The range of working width of the vehicle restraint system is determined by the width of the system plus its dynamic lateral movement in the event of an accident. Only limited space is available, especially at

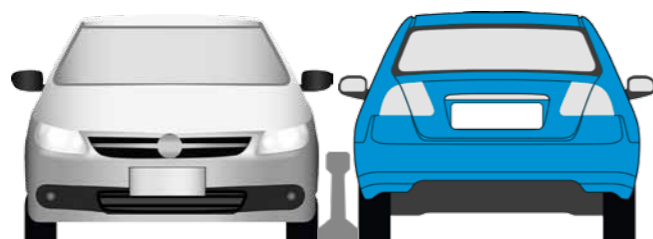
the construction site. A slim system and low working width ensure that the road construction site is well protected to offer increased protection for road users and construction workers.



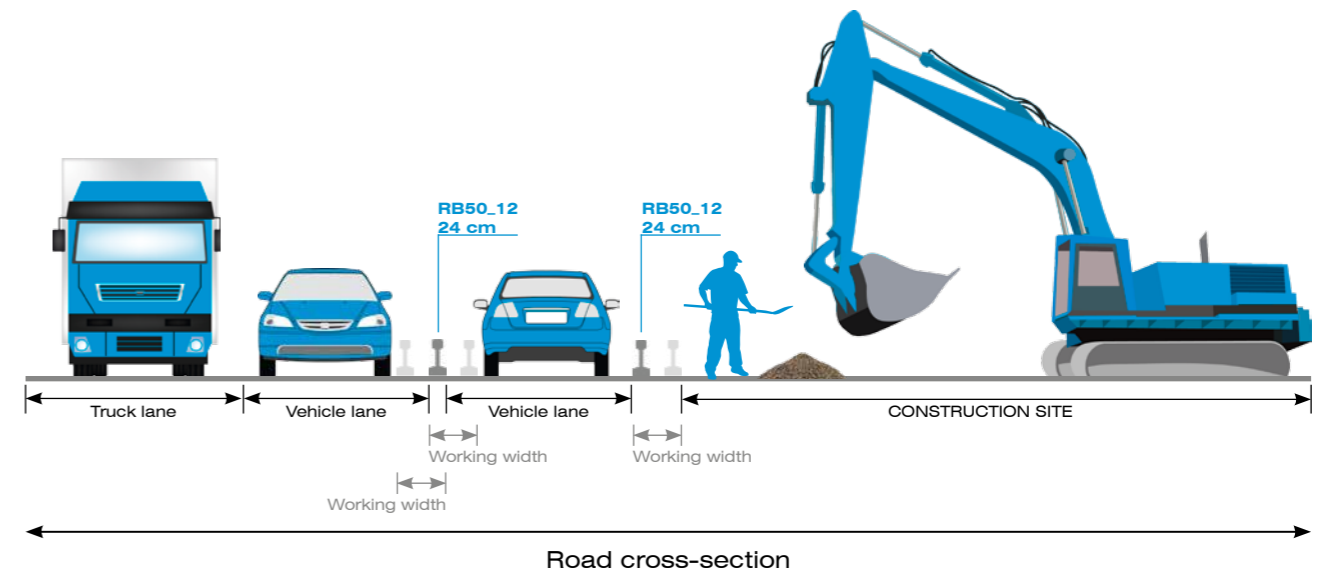
Safer distance between vehicles

Despite the slim system width of REBLOC® temporary systems, they make a significant contribution to minimizing the risk of contact between wing mirrors and other

side-mounted components on oncoming vehicles. The wider base fends away vehicle wheels to ensure vehicles maintain a safe distance.

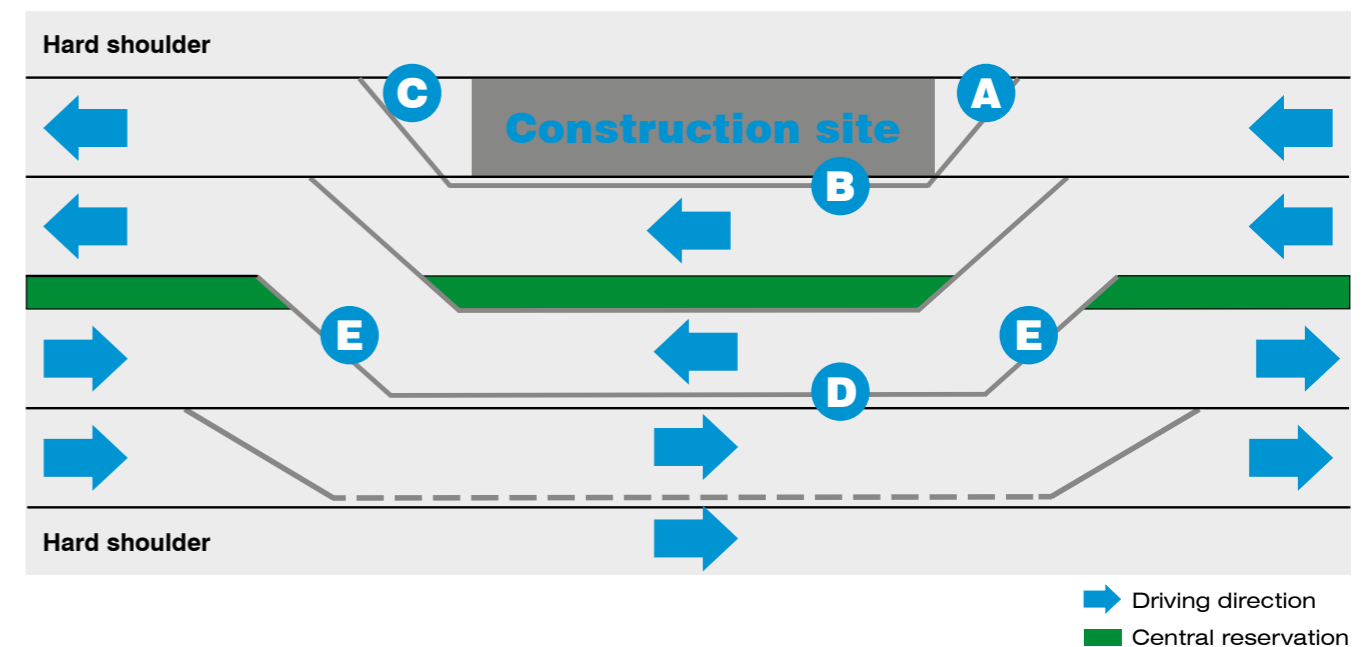


Exemplary traffic management in roadwork area



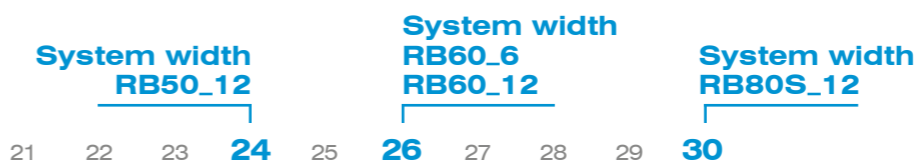
REBLOC® temporary systems guarantee smooth traffic in confusing traffic situations. They separate the lanes in the roadwork area, offer protection for the road users and minimize simultaneously the consequences of an

accident caused by a vehicle deviating from the road. The graphic below demonstrates an application example of temporary systems on double lane highways.



Due to the risks of a possible accident, various containment levels are requested within the roadwork area. Especially in the transition areas A and E more accidents occur, so higher containment levels are needed there.

In order to ensure sufficient protection for road workers in area B, a high containment level is necessary as well. The system deflection of the temporary system shall not exceed the distance to the road workers and their machines and equipment.



Safety for road construction sites

Product features and advantages

Very low surface pressure

Elastomer supports are integrated into the base to protect the road surface.

The low surface pressure means they can be used on sensitive road surfaces.



Drainage

In addition to reliable water run-off, the long and very high drainage slots in combination with the low construction width offer the advantage any dirt collected will be flushed away. This self-cleaning effect has often proven its worth at the construction site.



Narrow curve radii possible

Tight corners are also possible to implement quickly and efficiently using REBLOC® temporary systems.

Shorter elements are also available for very tight corners.



Rapid installation

Safety and speed are always decisive factors when managing road traffic. REBLOC® temporary systems meet these requirements precisely. Straightforward and rapid installation at the same time as narrow space requirements guarantee that the traffic continues to flow unhindered.



Strong coupling for extra safety

The patented coupling system integrated into the elements without loose parts joins the individual elements to form a very high strength continuous chain that safely dissipates energy and force applied to the restraint system in the event of impact from a vehicle.



Ingenious safety systems

Following extensive crash tests, REBLOC® systems are EN1317 approved and fulfill all requirements for a reliable and efficient vehicle restraint system.



Transitions

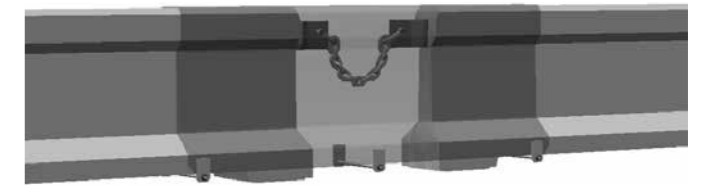
All REBLOC® systems can be interlocked with each other to form a strong element chain and can be combined with various containment levels, system heights and widths.

As a result it is possible to implement space-saving solutions for transitions between A or E and B or D because the slim system provides a neat solution for these critical points (see graphic on page 5).



Dilatation elements for bridges

Special dilatation elements are provided for transitions and ensure that the movements of the bridge construction due to fluctuations in ambient temperature can be accommodated.



Reflectors

All systems are equipped with reflective elements on both sides to ensure a good line of sight even in the dark.

Thanks to their special shape, the reflectors are well protected against vehicle impact, increasing their practicality in the vicinity of roadworks.





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